

MoDOT's Response to Weather



Events Impacting Operations

- Ice
- Snow
- Other
 - ◆ Wind
 - ◆ Rain
 - ◆ River level
 - ◆ Extreme Temperatures
 - ◆ Frost

Planning for Snow and Ice Response

Critical Information

- Precipitation preceding storm
- Tracking of Storm
- Accumulations
- When starting
- Duration

Winter Event Planning

- **Type 5 – Frost, flurries, freezing fog, blowing snow and refreeze**
- **Type 4 – Dusting to 1 inch of snow, sleet, or other frozen precipitation**
- **Type 3 – 1 inch to 6 inches of snow/frozen precipitation in 24 hours OR a trace to ½ inch of ice**
- **Type 2 – 6 to 12 inches of snow in 24 hours or ½ to ¾ inch ice**
- **Type 1 – More than 12 inches of snow in 24 hours or more than ¾ inch ice**

Successful Operational Tools

- Preshifting of Resources
- Pretreatment
- Staging Staff
- Conference Calls
- Keeping public informed

Operational Response

Roads Treatments

- **Major Roads & Regionally Significant**
 - Continuous operations until roads are mostly clear
 - Emergency crews ready to handle overnight refreeze/slick spots
- **Low Volume Roads**
 - Plowed open to two way traffic
 - Hills, curves and intersections treated as needed

Continuous Operation Routes



Covered



Covered



Partly Covered



Partly Covered



Mostly Clear



Mostly Clear



Safe/Passable Low Volume Road

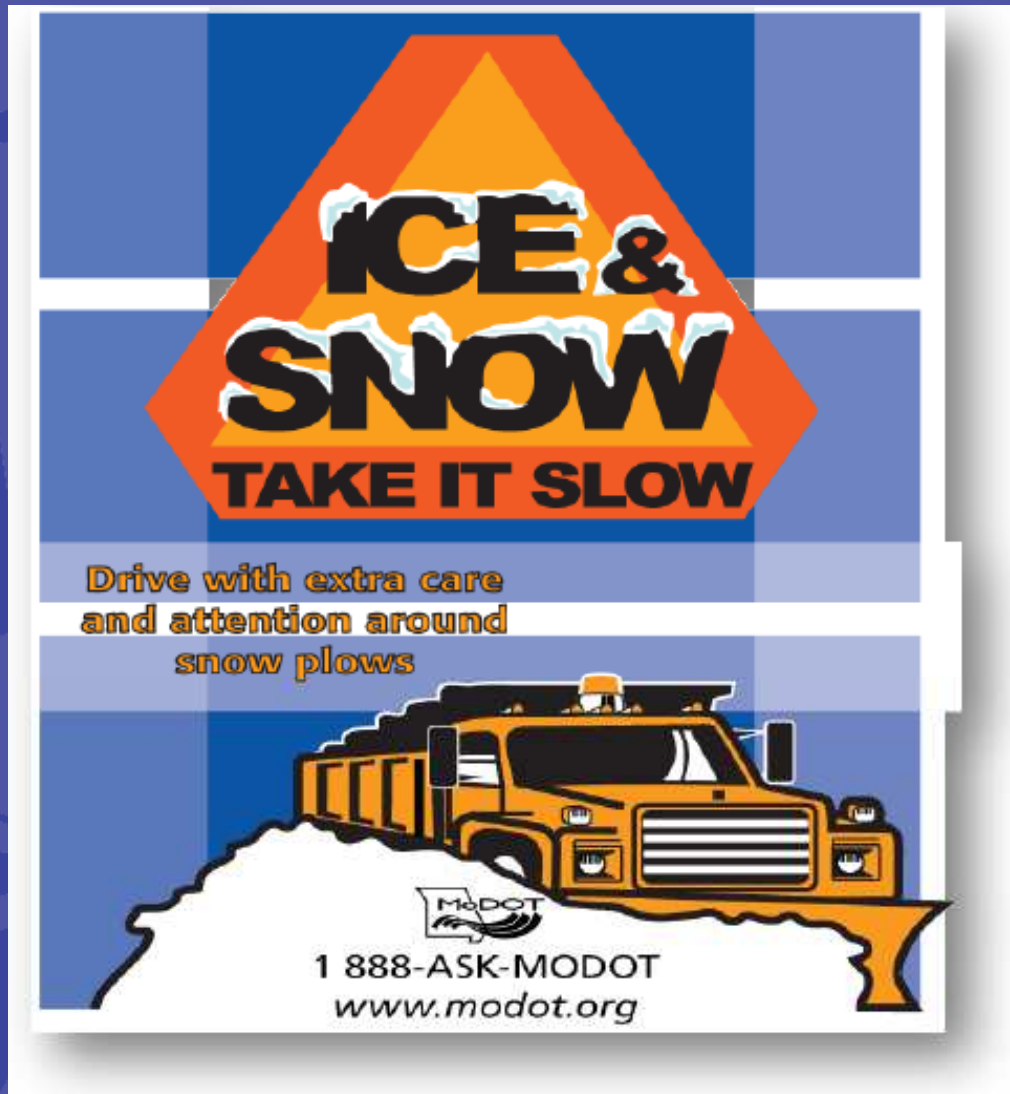


Safe/Passable Low Volume Road



Winter Operations Summary

- Focus efforts on making roads safe and passable
- Early, accurate meteorological information allows an efficient plan of attack for each storm



Cheryl Ball cheryl.ball@modot.mo.gov
Keith Gentry keith.gentry@modot.mo.gov